

FIG. 1

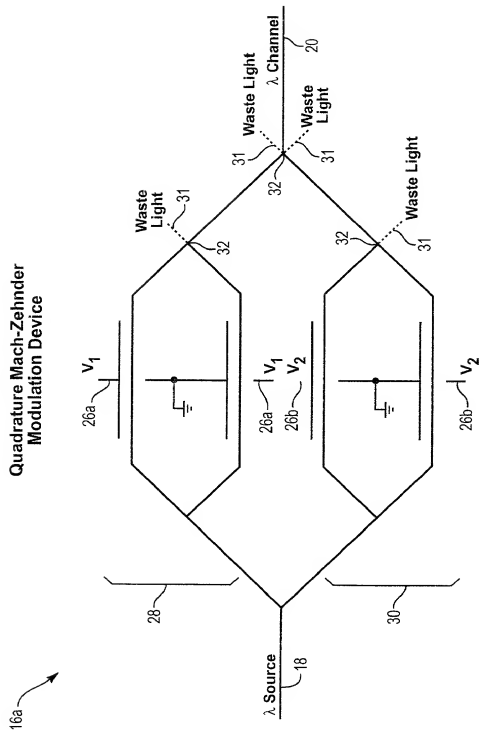


FIG. 2

Mach-Zehnder Device Transfer Function

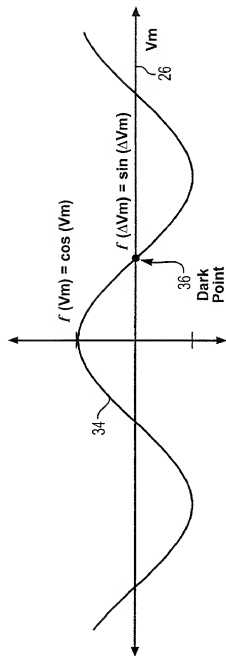


FIG. 3

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Modulation Synthesizer

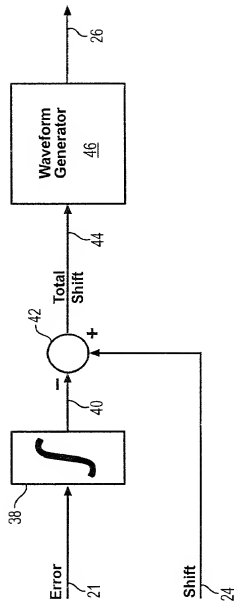


FIG. 4

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Quadrature Modulation Synthesizer (With On/Off Data Keying)

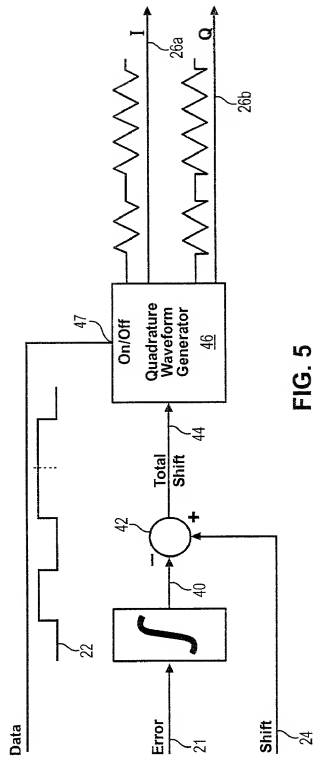


FIG. 5

Phase Modulation Device

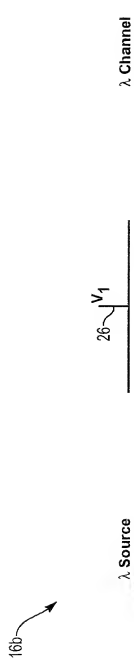


FIG. 6

Modulation Synthesizer (With Frequency Shift Keying)

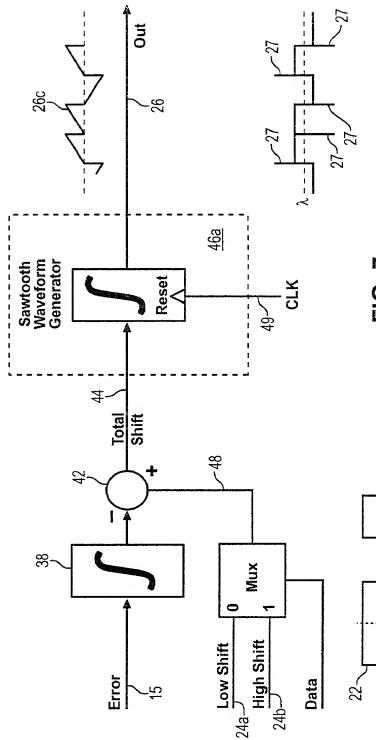


FIG. 7

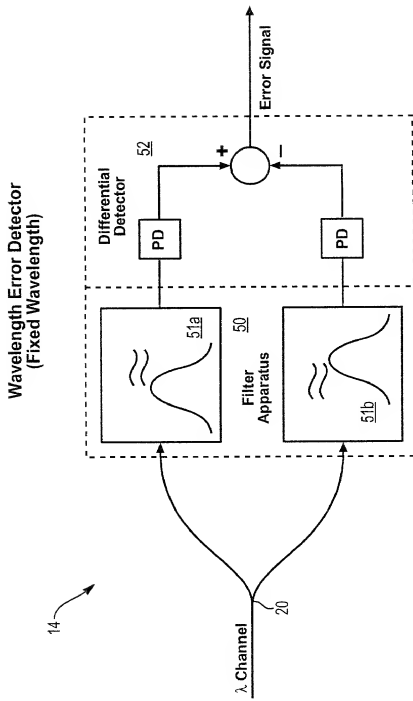


FIG. 8

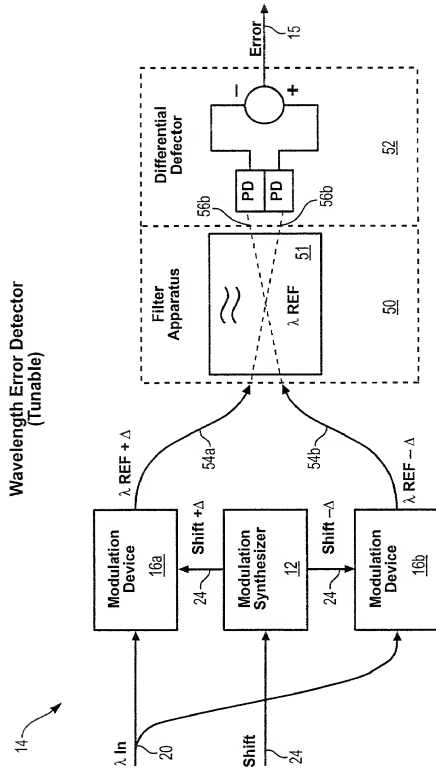


FIG. 9

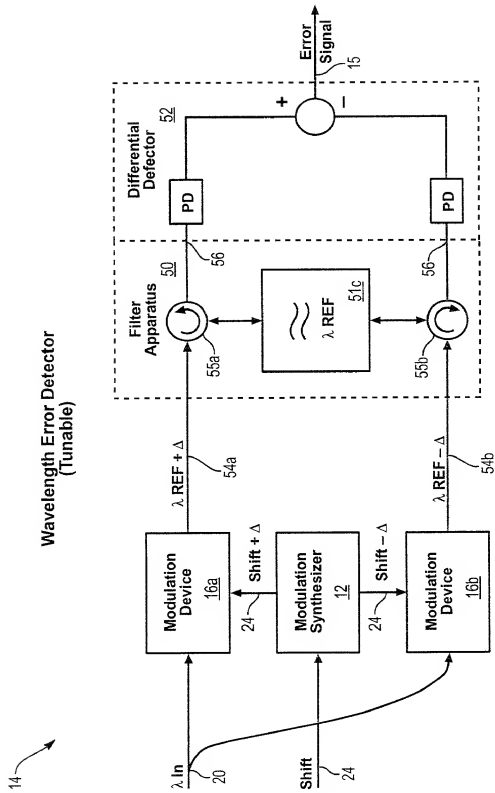


FIG. 10

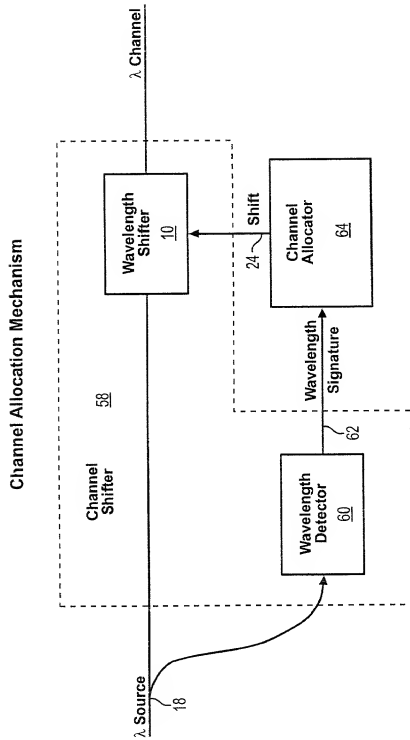


FIG. 11

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Tunable Wavelength Stabilized Transmitter

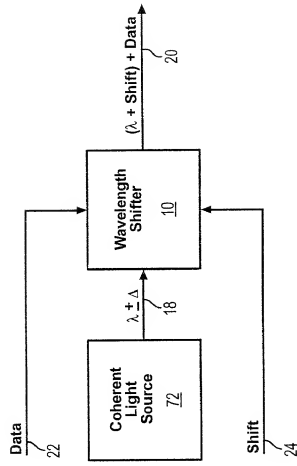


FIG. 12

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Recursive Wavelength Shifter

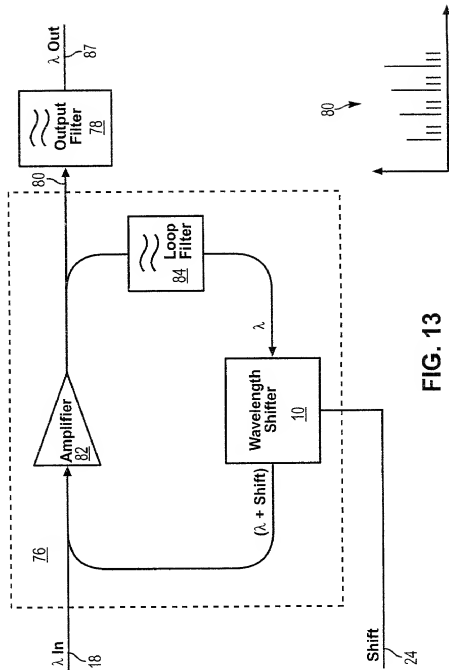


FIG. 13

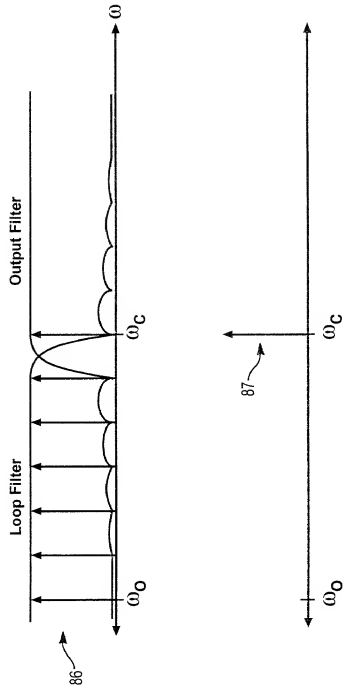


FIG. 14